Title (en)

LOW PROFILE CATHETER SYSTEM

Title (de)

KATHETERSYSTEM MIT NIEDRIGEM PROFIL

Title (fr)

SYSTÈME DE CATHÉTER EXTRA-PLAT

Publication

EP 4142851 A4 20231129 (EN)

Application

EP 21797278 A 20210416

Priority

- US 202016864374 A 20200501
- US 2021027743 W 20210416

Abstract (en)

[origin: US2021338986A1] A low profile catheter system includes a catheter hub with a stabilization surface that is located on an underside of the catheter hub and stabilizes the catheter hub on a patient. A substantially linear flow path extends from an opening at the distal end of the catheter hub to an inlet located within an intermediate portion of the catheter hub. The flow path allows fluid to flow between the distal end and the intermediate portion. The intermediate portion receives a base connector having a fluid path. The fluid path has a first opening and is fluidly connected to the inlet of the flow path in the catheter hub and a biasing member biases the first opening toward the inlet when the base connector is received by the intermediate portion.

IPC 8 full level

A61M 25/02 (2006.01); **A61M 25/00** (2006.01); **A61M 25/06** (2006.01); **A61M 39/10** (2006.01); **A61M 39/24** (2006.01)

CPC (source: EP US)

A61M 25/0097 (2013.01 - EP US); **A61M 25/02** (2013.01 - EP US); **A61M 39/24** (2013.01 - EP US); A61M 39/0247 (2013.01 - US); A61M 2025/0266 (2013.01 - EP US); A61M 2039/0261 (2013.01 - US); A61M 2039/0264 (2013.01 - US); A61M 2039/0279 (2013.01 - US); A61M 2039/0282 (2013.01 - US); A61M 2039/0288 (2013.01 - US); A61M 2039/0291 (2013.01 - US); A61M 2039/242 (2013.01 - EP US)

Citation (search report)

- [XI] US 2001053889 A1 20011220 - MARGGI ROLF [CH], et al
- [XI] WO 2006062636 A1 20060615 - MEDTRONIC MINIMED INC [US]
- [I] WO 0207804 A1 20020131 - ANIMAS CORP [US]
- [A] WO 9420160 A1 19940915 - PHARMA PLAST INT AS [DK], et al
- See also references of WO 2021221931A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

US 11565084 B2 20230131; **US 2021338986 A1 20211104**; EP 4142851 A1 20230308; EP 4142851 A4 20231129; US 2023144638 A1 20230511; WO 2021221931 A1 20211104

DOCDB simple family (application)

US 202016864374 A 20200501; EP 21797278 A 20210416; US 2021027743 W 20210416; US 202318092540 A 20230103